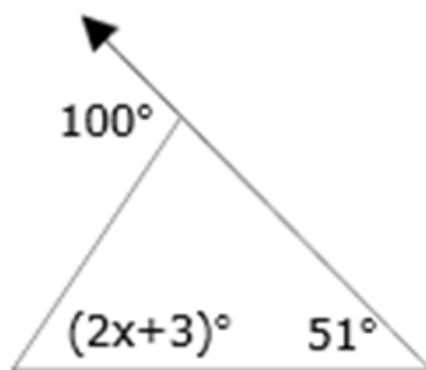


$$6x-7 = 2x+103-x$$

$$5x = 110$$

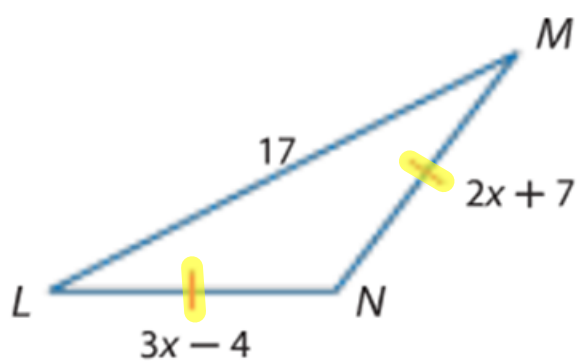
$$x = 22$$



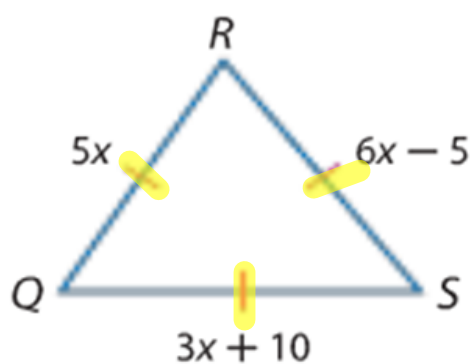
$$2x+3+51 = 100$$

$$2x = 46$$

$$x = 23$$



$$3x - 4 = 2x + 7$$



$$5x = 6x - 5$$

$$3x + 10 = 6x - 5$$

$$5x = 3x + 10$$



$$148 = 2x - 15 + x - 5$$

$$148 = 3x - 20$$

$$168 = 3x$$

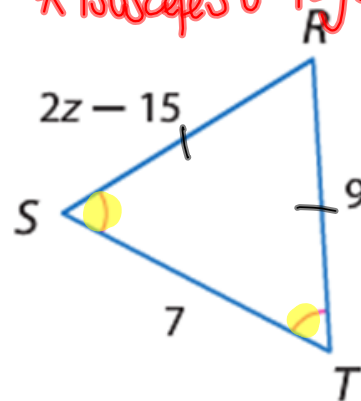
$$\boxed{x = 56}$$

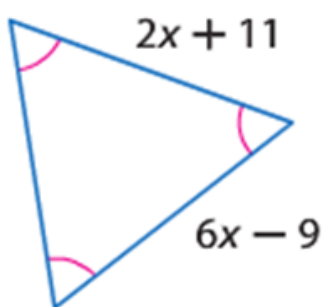
$$22 - 15 = 9$$

$$22 = 24$$

$$\boxed{2 = 12}$$

\* isosceles so legs are  $\cong$



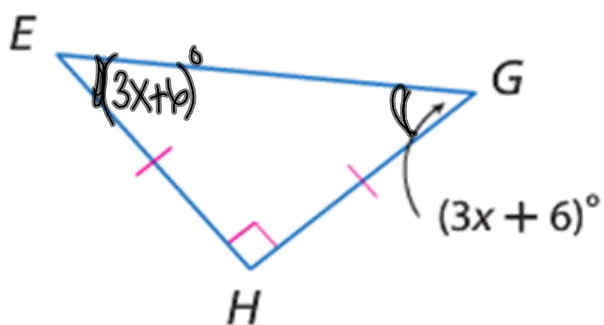


\* Equiangular  $\rightarrow$  equilateral

$$2x + 11 = 6x - 9$$

$$20 = 4x$$

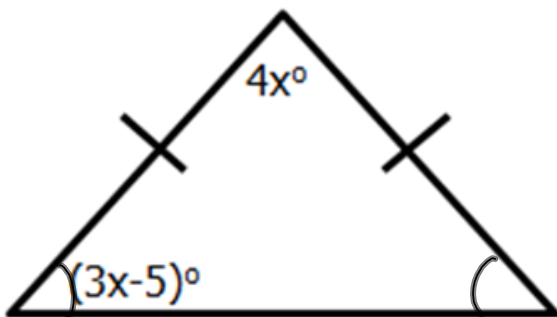
$$\boxed{x = 5}$$



$$3x + 6 + 3x + 6 + 90 = 180$$

$$6x = 78$$

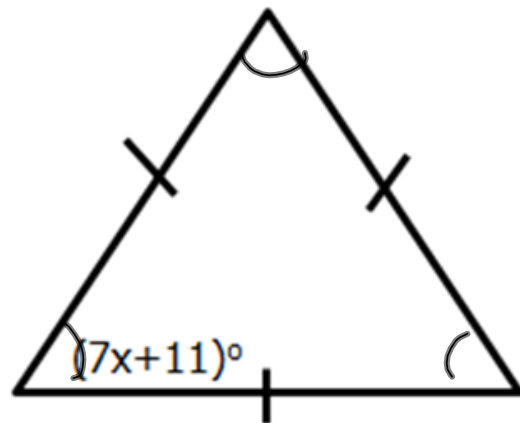
$$\boxed{x = 13}$$



$$3x-5+3x-5+4x=180$$

$$10x=190$$

$$x=19$$



$$7x+11=60$$

$$7x=49$$

$$x=7$$



